



02-17-07

Docket No. 7676/SYNX/JB

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Inventor(s): Michael Robert Rice, Martin R. Elliott, Robert B. Lowrance, Jeffrey C. Hudgens and Eric Andrew Enghardt  
Title: SUBSTRATE CARRIER HANDLER THAT UNLOADS SUBSTRATE CARRIERS DIRECTLY FROM A MOVING CONVEYOR  
Serial No.: 10/650,480  
Filed: August 28, 2003

Transmitted herewith is:

- ☒ Information Disclosure Statement  
☒ PTO Form 1449 with fifty-six cited references  
☒ Return Postcards

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	N/A	- 20 =	-0-	X \$18.00	\$0.00
Independent Claims	N/A	- 3 =	-0-	X \$84.00	\$0.00
Basic Filing Fee				\$740.00	\$0.00
TOTAL FEES					\$0.00

☐ The Commissioner is hereby authorized to charge \$0.00 to Deposit Account No. 04-1696.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1696. A duplicate copy of this transmittal is enclosed.

☒ Please address all future correspondence to:

**PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O. BOX 450A  
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Receipt No. EL975550329US

Date of Deposit: 2/13/04

Signature: [Signature]

Respectfully submitted,

Brian M. Dugan  
Registration No. 41,720  
(914) 332-9081



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PATENTS  
7676/SYNX/JB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Michael Robert Rice, Martin R. Elliott,  
Robert B. Lowrance, Jeffrey C. Hudgens and  
Eric Andrew Englhardt

Serial No. : 10/650,480

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For : SUBSTRATE CARRIER HANDLER THAT UNLOADS  
SUBSTRATE CARRIERS DIRECTLY FROM A MOVING  
CONVEYOR

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,  
applicants wish to call the attention of the Examiner to the  
following references:

U.S. Patent No. 3,710,923, Fromme et al.

U.S. Patent No. 3,734,263, Dirks

U.S. Patent No. 3,815,723, Wright et al.

U.S. Patent No. 3,901,376, Dardaine et al.

U.S. Patent No. 3,990,569, Aiuola

U.S. Patent No. 4,029,194, Feurstein et al.

U.S. Patent No. 4,033,403, Seaton et al.  
U.S. Patent No. 4,040,302, Katarao  
U.S. Patent No. 4,044,886, Sender  
U.S. Patent No. 4,261,236, Verjux  
U.S. Patent No. 4,266,652, Bald  
U.S. Patent No. 4,340,137, Foster  
U.S. Patent No. 4,450,950, Foote, Jr.  
U.S. Patent No. 4,506,779, Seragnoli  
U.S. Patent No. 4,524,858, Maxey  
U.S. Patent No. 4,549,647, Cosse  
U.S. Patent No. 4,585,126, Paddock et al.  
U.S. Patent No. 4,603,770 , Hartness  
U.S. Patent No. 4,667,809, Raybuck  
U.S. Patent No. 4,680,919, Hirama et al.  
U.S. Patent No. 4,693,359, Mattei et al.  
U.S. Patent No. 4,759,439, Hartlepp  
U.S. Patent No. 4,765,453, Bucher  
U.S. Patent No. 4,813,528, Hartlepp  
U.S. Patent No. 4,830,180, Ferguson et al.  
U.S. Patent No. 4,850,102, Hironaka et al.  
U.S. Patent No. 4,854,440, Laube et al.  
U.S. Patent No. 4,869,637, deGroot  
U.S. Patent No. 4,898,373 , Newsome  
U.S. Patent No. 5,086,909, Powell, Jr.

U.S. Patent No. 5,099,896, Ritola  
U.S. Patent No. 5,113,992, Sadamori  
U.S. Patent No. 5,123,518, Pfaff  
U.S. Patent No. 3,710,921, Petiet  
U.S. Patent No. 3,722,656, Loomis, Jr. et al.  
U.S. Patent No. 5,135,102, Sjogren et al.  
U.S. Patent No. 5,184,712, Leybold et al.  
U.S. Patent No. 5,667,056, Kimmet  
U.S. Patent No. 5,207,309, Simpkin et al.  
U.S. Patent No. 5,226,211 , Jones  
U.S. Patent No. 5,231,926, Williams et al.  
U.S. Patent No. 5,269,119, Tolson  
U.S. Patent No. 5,275,275, Boldrini et al.  
U.S. Patent No. 5,439,091, Mason  
U.S. Patent No. 5,558,198, Juarez  
U.S. Patent No. 5,617,994, McTaggart  
U.S. Patent No. 5,628,614, Pazdernik et al.  
U.S. Patent No. 5,563,327, Buday, Jr. et al.  
U.S. Patent No. 5,823,319, Resnik et al.  
U.S. Patent No. 6,092,979, Miselli  
U.S. Patent No. 6,223,887 B1, Andou  
U.S. Patent No. 6,227,345 B1, Miyamoto  
U.S. Patent No. 6,435,331 B1, Olson et al.  
U.S. Patent No. 6,511,065 B1, Cote et al.

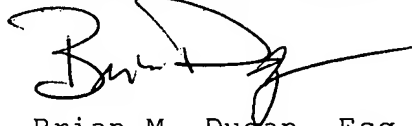
U.S. Patent No. 6,581,750 B1 , Tweedy et al.

Foreign Art Reference No. JP 63020151 A2 (Japan)

These references are also listed on the accompanying Information Disclosure Statement (Form PTO-1449) and copies are enclosed.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Brian M. Dugan", with a long horizontal flourish extending to the right.

Brian M. Dugan, Esq.  
Registration No. 41,720  
Dugan & Dugan, PC  
Attorneys for Applicants  
(914)332-9081

Dated:

2/13/04  
Tarrytown, New York

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)					Docket No.: 7676/SYNX/JB		Serial No.: 10/650,480	
					Applicant(s): Michael Robert Rice et al.			
					Filing Date: 08/28/03		Group: _____	

U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	3,710,923	01/16/73	Fromme et al.			
	AB	3,734,263	05/22/73	Dirks			
	AC	3,815,723	06/11/74	Wright et al.			
	AD	3,901,376	08/26/75	Dardaine et al.			
	AE	3,990,569	11/09/76	Aiuola			
	AE	4,029,194	06/14/77	Feurstein et al.			
	AG	4,033,403	07/05/77	Seaton et al.			
	AH	4,040,302	08/09/77	Katarao			
	AI	4,044,886	08/30/77	Sender			
	AJ	4,261,236	04/14/81	Verjux			
	AK	4,266,652	05/12/81	Bald			

Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL	JP 63020151 A2	01/27/88	Japan				
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AR	
	AS	
	AT	

Examiner	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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AB	4,450,950	05/29/84	Foote, Jr.				
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Applicants:

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	AG	4,898,373	02/06/90	Newsome			
	AH	5,086,909	02/11/92	Powell, Jr.			
	AI	5,099,896	03/31/92	Ritola			
	AJ	5,113,992	05/19/92	Sadamori			
	AK	5,123,518	06/23/92	Pfaff			

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